

ABSTRACT:

A separator having a rotatable drum (2) with a vertical axis of rotation (M), in which preferably a disk stack (7) is arranged, having a piston slide (13) for opening and closing solids discharge openings (14) in the drum (2), in the open condition of the piston slide (13), a radial gap (19) being formed between the drum, particularly between a drum top part (15), and the piston slide (13), is characterized in that at least one annular chamber (22) is constructed on both sides of the gap (19) radially in front of the solids discharge openings in the outer circumference area of the piston slide (13) and the drum, particularly in the top part (15) of the drum.

Figure 2